

ABSTRACT

A material for preventing forgery and false alteration. The material comprises a particulate information presenting substance. The information presenting substance is one or more elements, a compound of two or more elements, or a substance containing the elements or compounds. The fluorescence emitted from the substance is different depending on the production history and cipher information different depending on the production history is related to the substance. Even if the fluorescence from such an information presenting substance is detected by a false third party, the production history of the information presenting substance cannot be grasped from the fluorescence. Therefore the fluorescence of the information presenting substance cannot be reproduced, and a high confidentiality of the cipher information given to the material can be ensured.